



Atty. Dkt. No. 00CR104/KE

Please amend the following claims 1, 2, 6, 8, 9, 12, 13 and 15.

1 1. (Amended) An apparatus, comprising:
2 means for controlling a display; and
3 means for buffering input data received from a data source provided to said controlling
4 means;

5 said controlling means being adapted to provide a modulated row driving signal to the
6 display, wherein at least one frequency component of the modulated row driving signal is
7 attenuated by the modulation such that emanated electromagnetic emissions are reduced,
8 wherein the modulated row driving signal has a different period for one row than for another
9 row.

1 2. (Amended) An apparatus as claimed in claim 1, the modulated row driving
2 signal provided by said controlling means being a spread spectrum modulated signal.

1 6. (Amended) An apparatus as claimed in claim 1, said controlling means
2 comprising a controller structure, said buffering means comprising a FIFO memory structure,
3 and the modulated row driving signal provided by the controller structure being a spread
4 spectrum signal.

1 8. (Amended) An apparatus, comprising:
2 means for controlling a display; and
3 means for providing input data to be displayed in the display to said controlling means;
4 said controlling means being adapted to provide a modulated row driving signal to the
5 display wherein at least one frequency component of the modulated row driving signal is
6 attenuated by the modulation such that emanated electromagnetic emissions are reduced, said
7 input data providing means being adapted to provide a modulated input data signal to said
8 controlling means to accommodate the modulated row driving signal provided by said

Atty. Dkt. No. 00CR104/KE

9 controlling means to the display, the modulated row driving signal having a first period for a first
10 row, and a second period for a second row.

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1 9. (Amended) An apparatus as claimed in claim 8, the modulated row driving
2 signal provided by said controlling means being a spread spectrum signal.

1 12. (Amended) An apparatus, comprising:

2 means for controlling a display; and

3 means for causing said controlling means to provide a modulated row driving signal to
4 the display wherein at least one frequency component of the modulated row driving signal is
5 attenuated by the modulation such that emanated electromagnetic emissions are reduced, the
6 modulated row driving signal having a first effective frequency for a first row, and a second
7 effective frequency for a second row.

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1 13. (Amended) An apparatus as claimed in claim 12, the modulated row driving
2 signal provided by said controlling means being a spread spectrum signal.

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1 15. (Amended) An apparatus as claimed in claim 12, further comprising means
2 for providing input data to be displayed in the display to said controlling means, said input data
3 providing means being adapted to provide a modulated input data signal to said controlling
4 means to accommodate the modulated row driving signal provided by said controlling means to
5 the display.

Please add the following new claims 21-22.

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1 21. (New) A method of controlling a display, the method comprising:

2 providing a modulated row driving signal to the display to control pixels in a first
3 row of a plurality of rows; and

4 providing the modulated row driving signal to the display to control pixels in a
5 second row of the rows, the modulated row driving signal having a first effective frequency

Atty. Dkt. No. 00CR104/KE

6 when provided to the first row and a second effective frequency when provided to the second
7 row.

1 22. (New) A display controller for providing row signals to a display, the display
2 controller comprising:

3 a buffer; and

4 a control circuit coupled to the buffer, the buffer storing data, the control circuit
5 providing a first row signal for a row of pixels during a first row time period in accordance with
6 first data stored in the buffer, and the control circuit providing a second row signal during a
7 second row time period for another row of pixels in accordance with second data stored in the
8 buffer, the first row time period being different than the second row time period, wherein the first
9 row signal and second row signal are spread spectrum modulated signals.